

**1AP20 Rec'd PCT/PTO 20 JAN 2006**  
**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q76805

Akinori SUDOH, et al

Appln. No.: National Stage of PCT/JP2004/011028

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: January 20, 2006

Examiner: Unknown

For: HIGH DENSITY ELECTRODE AND BATTERY USING THE ELECTRODE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/011028 dated December 14, 2004), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office. A Written Opinion for PCT/JP2004/011028 dated December 14, 2004 is also submitted herewith.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: English language abstracts, submitted herewith, constitute concise statements of relevance for Japanese Patent Application Publication Nos. 4-155776, 4-237971, 11-147989, and 8-136439, which are cited and discussed on pages 4, 36, and 37 of the specification.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

**10/565302**

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: January 20, 2006

Substitute for Form 1449 A & B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	National Stage of EP/JP/2004/011928
				Confirmation Number	Unknown
				Filing Date	January 20, 2006
				First Named Inventor	Akinori SUDOH
				Art Unit	Unknown
Sheet 1 of 1				Examiner Name	
				Attorney Docket Number	Q76805

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>3</sup> (if known)		
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)			
	1	EP	1 191 131	A1	03/27/2002	SHOWA DENKO KABUSHIKI KAISHA	
	2	JP	10-27601	A	01/27/1998	SANYO ELECTRIC CO. LTD.	Abstract
	3	JP	2001-15170	A	01/19/2001	SONY CORP.	Abstract
	4	JP	5-174820	A	07/13/1993	FUJI PHOTO FILM CO. LTD.	Abstract
	5	JP	10-284055	A	10/23/1998	MITSUBISHI ELECTRIC CORP.	Abstract
	6	JP	2001-196052	A	07/19/2001	SONY CORP.	Abstract
	7	JP	7-211320	A	08/11/1995	YUASA CORP.	Abstract
	8	JP	11-329433	A	11/30/1999	KAO CORP.	Abstract
	9	JP	2000-195550	A	07/14/2000	TOSHIBA CORP.	Abstract
	10	JP	11-149824	A	06/02/1999	SHOWA DENKO K.K.	Abstract
	11	JP	2003-223896	A	08/08/2003	HITACHI LTD.	Abstract
	12	JP	2004-220909	A	08/05/2004	MITSUBISHI MATERIALS CORP.	Abstract
	13	JP	2004-220910	A	08/05/2004	MITSUBISHI MATERIALS CORP.	Abstract
	14	JP	4-155776	A	05/28/1992	MATSUSHITA ELECTRIC IND. CO. LTD.	Abstract
	15	JP	4-237971	A	08/26/1992	MATSUSHITA ELECTRIC IND. CO. LTD.	Abstract
	16	JP	11-147989	A	06/02/1999	SHOWA DENKO K.K.	Abstract
	17	JP	8-136439	A	05/31/1996	TOA MEDICAL ELECTRONICS CO. LTD.	Abstract

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>	

Examiner Signature	/Amanda Barrow/	Date Considered	08/11/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.